

MDT Survey Reference Sheet

ROAD FEATURES

2FACE	sign—two-face
APP	approach
BITCURB	bituminous curb
BOD	bottom of ditch
BOLLARD	bollard
BOS	bottom of slope
CHEV	sign – chevron
CONC	concrete
CURB	top back of curb
CURBFL	curb flowline
EOG	edge of road – gravel
EOP	edge of road – pavement
EOT	edge of road – trail
MAIL	mailbox
MILEP	mile post
PRKMETER	parking meter
PTW	ptw – centerline
PVTMARK	pavement markings
PVTSYM	pavement-symbol
RRCL	RR centerline
RRCRL	RR crossing light
RRRAIL	RR rail – top
RRSW	RR switch
SHLD	shoulder
SIGNC	sign cantilever
SIGNM	sign mult-post
SIGNS	sign single-post
STID	sign street id
SW	sidewalk
TOS	top of slope

NATURAL FEATURES

BOB	bottom of bank
EDGEWAT	edge of water
FL	flowline—with flow
FLU	flowline—against flow
GB	breakline—grade break
GRND	ground shot
HIWATER	high water mark
SHRUB	shrub
THALWEG	thalweg of waterway
TOB	top of bank
TREE	tree
TREELN	tree line boundary
TREEROW	tree row
WETLB	wetland boundary
VEG	vegetation boundary

CONSTRUCTION FEATURES

CP	catch point
RP	reference point

DRAINAGE FEATURES

CULVI	end of pipe/culv invert
CULVT	top of culvert
DTCHBLK	ditch block
FET	fet
INLET	inlet—square top
INLETR	inlet—round top
IRR	irrigation feature
RIPRAP	riprap boundary

UTILITY FEATURES

FH	fire hydrant
CPED	cable pedestal
TVU	cable tv – underground
FPED	fiber pedestal
PULLBOXF	fiber pullbox
GAS	gas line – underground
GASM	gas meter
GASV	gas valve
GUYWIRE	guy wire anchor
LIGHT	light pole
MHELEC	manhole—electrical
MH	manhole—misc
MHSS	manhole—sanitary sewer
MHSD	manhole—storm drain
MHTEL	manhole—telephone
MISCAB	missile cable
PEDBASE	pedestal base
PEDXING	pedestrian crossing
PWRX	power line – overhead
PWRU	power line – underground
PWRPED	power pedestal
PULLBOXPWR	power pullbox
SANSEW	sanitary sewer line
PULLBOX	service pullbox
STRMDR	storm drain line
TELU	telephone pedestal
TELPED	telephone, cable
TOWER	tower feature
TRAF	traffic signal
TRAFBOX	traffic/signal controller box
TRNSTWR	transmission tower
FIBERU	underground cable
UT	utility pole
VALVE	valve—misc
WATCS	water curb stop
WATHYD	water hydrant
WATER	water line—underground
WATM	water meter
WATV	water valve
WELL	well

SURVEY FEATURES

BM	benchmark
CK	check shot
PHOTO	photo
PM	project marker
SM	station marker
SURV	survey marker
TRAV	traverse marker

STRUCTURE FEATURES

BRCOR	bridge boundary
BLDG	building boundary
ABUT	abut/retaining wall
LOWBEAM	low beam
TANK	storage tank round
TANKSH	storage tank shape
WALL	wall – free standing

BARRIER FEATURES

CATGRD	cattleguard
FENCE	fence
GATE	gate
GRRL	guardrail
JRRL	jersey rail
SNOWF	snow fence

MISC FEATURES

CORE	drill hole
ISLAND	dtm island
MISCDP	misc dtm point
MISCL	misc non-dtm line
MISCP	misc non-dtm point
OBSCURE	dtm obscure area
UHS	underground hazard site
XSECT	cross-section line

LINE CONTROL CODES

BL	begin line
EL	end line
ESC	end smooth curve
JTP	join to point
SOL	start offset line
SSC	start smooth curve

DTM Features are in **BOLD** type. Spot Features are in **BLUE** type. Line Features are in **BLACK** type.